

## PCT COOPERATION TREATY

PCT

NOTIFICATION OF RECEIPT OF  
RECORD COPY

(PCT Rule 24.2(a))

From the INTERNATIONAL BUREAU

To:

KOIKE, Akira  
No.11 Mori Building  
6-4, Toranomon 2-chome  
Minato-ku  
Tokyo 105-0001  
JAPON

Date of mailing (day/month/year) 18 February 2000 (18.02.00)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference SK00PCT14	International application No. PCT/JP00/00424

The applicant is hereby notified that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

SONY CORPORATION (for all designated States except US)

WALKER, Toby et al (for US)

International filing date : 27 January 2000 (27.01.00)

Priority date(s) claimed : 29 January 1999 (29.01.99)

Date of receipt of the record copy  
by the International Bureau : 14 February 2000 (14.02.00)

List of designated Offices :

EP : AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE  
National : US


## ATTENTION

The applicant should carefully check the data appearing in this Notification. In case of any discrepancy between these data and the indications in the international application, the applicant should immediately inform the International Bureau.

In addition, the applicant's attention is drawn to the information contained in the Annex, relating to:

- ☒ time limits for entry into the national phase  
☒ confirmation of precautionary designations  
☐ requirements regarding priority documents

A copy of this Notification is being sent to the receiving Office and to the International Searching Authority.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No. (41-22) 740.14.35	Authorized officer:  Masashi HONDA Telephone No. (41-22) 338.83.38
--	---

## INFORMATION ON TIME LIMITS FOR ENTERING THE NATIONAL PHASE

The applicant is reminded that the "national phase" must be entered before each of the designated Offices indicated in the Notification of Receipt of Record Copy (Form PCT/IB/301) by paying national fees and furnishing translations, as prescribed by the applicable national laws.

The time limit for performing these procedural acts is **20 MONTHS** from the priority date or, for those designated States which the applicant elects in a demand for international preliminary examination or in a later election, **30 MONTHS** from the priority date, provided that the election is made before the expiration of 19 months from the priority date. Some designated (or elected) Offices have fixed time limits which expire even later than 20 or 30 months from the priority date. In other Offices an extension of time or grace period, in some cases upon payment of an additional fee, is available.

In addition to these procedural acts, the applicant may also have to comply with other special requirements applicable in certain Offices. It is the applicant's responsibility to ensure that the necessary steps to enter the national phase are taken in a timely fashion. Most designated Offices do not issue reminders to applicants in connection with the entry into the national phase.

For detailed information about the procedural acts to be performed to enter the national phase before each designated Office, the applicable time limits and possible extensions of time or grace periods, and any other requirements, see the relevant Chapters of Volume II of the PCT Applicant's Guide. Information about the requirements for filing a demand for international preliminary examination is set out in Chapter IX of Volume I of the PCT Applicant's Guide.

GR and ES became bound by PCT Chapter II on 7 September 1996 and 6 September 1997, respectively, and may, therefore, be elected in a demand or a later election filed on or after 7 September 1996 and 6 September 1997, respectively, regardless of the filing date of the international application. (See second paragraph above.)

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

## CONFIRMATION OF PRECAUTIONARY DESIGNATIONS

This notification lists only specific designations made under Rule 4.9(a) in the request. It is important to check that these designations are correct. Errors in designations can be corrected where precautionary designations have been made under Rule 4.9(b). The applicant is hereby reminded that any precautionary designations may be confirmed according to Rule 4.9(c) before the expiration of 15 months from the priority date. If it is not confirmed, it will automatically be regarded as withdrawn by the applicant. There will be no reminder and no invitation. Confirmation of a designation consists of the filing of a notice specifying the designated State concerned (with an indication of the kind of protection or treatment desired) and the payment of the designation and confirmation fees. Confirmation must reach the receiving Office within the 15-month time limit.

## REQUIREMENTS REGARDING PRIORITY DOCUMENTS

For applicants who have not yet complied with the requirements regarding priority documents, the following is recalled.

Where the priority of an earlier national, regional or international application is claimed, the applicant must submit a copy of the said earlier application, certified by the authority with which it was filed ("the priority document") to the receiving Office (which will transmit it to the International Bureau) or directly to the International Bureau, before the expiration of 16 months from the priority date, provided that any such priority document may still be submitted to the International Bureau before that date of international publication of the international application, in which case that document will be considered to have been received by the International Bureau on the last day of the 16-month time limit (Rule 17.1(a)).

Where the priority document is issued by the receiving Office, the applicant may, instead of submitting the priority document, request the receiving Office to prepare and transmit the priority document to the International Bureau. Such request must be made before the expiration of the 16-month time limit and may be subjected by the receiving Office to the payment of a fee (Rule 17.1(b)).

If the priority document concerned is not submitted to the International Bureau or if the request to the receiving Office to prepare and transmit the priority document has not been made (and the corresponding fee, if any, paid) within the applicable time limit indicated under the preceding paragraphs, any designated State may disregard the priority claim, provided that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity to furnish the priority document within a time limit which is reasonable under the circumstances.

Where several priorities are claimed, the priority date to be considered for the purposes of computing the 16-month time limit is the filing date of the earliest application whose priority is claimed.

## PCT COOPERATION TREATY

PCT

NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
OF PRIORITY DOCUMENT

(PCT Administrative Instructions, Section 411)

From the INTERNATIONAL BUREAU

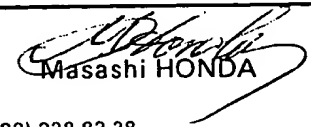
To:

KOIKE, Akira  
No.11 Mori Building  
6-4, Toranomom 2-chome  
Minato-ku  
Tokyo 105-0001  
JAPON

Date of mailing (day/month/year) 18 February 2000 (18.02.00)	
Applicant's or agent's file reference SK00PCT14	<b>IMPORTANT NOTIFICATION</b>
International application No. PCT/JP00/00424	International filing date (day/month/year) 27 January 2000 (27.01.00)
International publication date (day/month/year) Not yet published	Priority date (day/month/year) 29 January 1999 (29.01.99)
Applicant SONY CORPORATION et al	

- The applicant is hereby notified of the date of receipt (except where the letters "NR" appear in the right-hand column) by the International Bureau of the priority document(s) relating to the earlier application(s) indicated below. Unless otherwise indicated by an asterisk appearing next to a date of receipt, or by the letters "NR", in the right-hand column, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
- This updates and replaces any previously issued notification concerning submission or transmittal of priority documents.
- An asterisk(\*) appearing next to a date of receipt, in the right-hand column, denotes a priority document submitted or transmitted to the International Bureau but not in compliance with Rule 17.1(a) or (b). In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.
- The letters "NR" appearing in the right-hand column denote a priority document which was not received by the International Bureau or which the applicant did not request the receiving Office to prepare and transmit to the International Bureau, as provided by Rule 17.1(a) or (b), respectively. In such a case, the attention of the applicant is directed to Rule 17.1(c) which provides that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within a time limit which is reasonable under the circumstances.

<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
29 Janu 1999 (29.01.99)	11/23068	JP	14 Febr 2000 (14.02.00)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland  Facsimile No. (41-22) 740.14.35	Authorized officer  Masashi HONDA  Telephone No. (41-22) 338.83.38
--	---

# PATENT COOPERATION TREATY

PCT

## NOTICE INFORMING THE APPLICANT OF THE COMMUNICATION OF THE INTERNATIONAL APPLICATION TO THE DESIGNATED OFFICES

(PCT Rule 47.1(c), first sentence)

From the INTERNATIONAL BUREAU

To:

KOIKE, Akira  
No. 11 Mori Building  
6-4, Toranomon 2-chome  
Minato-ku  
Tokyo 105-0001  
JAPON

Date of mailing (day/month/year) 03 August 2000 (03.08.00)		
Applicant's or agent's file reference SK00PCT14		IMPORTANT NOTICE
International application No. PCT/JP00/00424	International filing date (day/month/year) 27 January 2000 (27.01.00)	Priority date (day/month/year) 29 January 1999 (29.01.99)
Applicant SONY CORPORATION et al		

1. Notice is hereby given that the International Bureau has communicated, as provided in Article 20, the international application to the following designated Offices on the date indicated above as the date of mailing of this Notice:

US

In accordance with Rule 47.1(c), third sentence, those Offices will accept the present Notice as conclusive evidence that the communication of the international application has duly taken place on the date of mailing indicated above and no copy of the international application is required to be furnished by the applicant to the designated Office(s).

2. The following designated Offices have waived the requirement for such a communication at this time:

EP

The communication will be made to those Offices only upon their request. Furthermore, those Offices do not require the applicant to furnish a copy of the international application (Rule 49.1(a-bis)).

3. Enclosed with this Notice is a copy of the international application as published by the International Bureau on 03 August 2000 (03.08.00) under No. WO 00/45596

### REMINDER REGARDING CHAPTER II (Article 31(2)(a) and Rule 54.2)

If the applicant wishes to postpone entry into the national phase until 30 months (or later in some Offices) from the priority date, a demand for international preliminary examination must be filed with the competent International Preliminary Examining Authority before the expiration of 19 months from the priority date.

It is the applicant's sole responsibility to monitor the 19-month time limit.

Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination.

### REMINDER REGARDING ENTRY INTO THE NATIONAL PHASE (Article 22 or 39(1))

If the applicant wishes to proceed with the international application in the national phase, he must, within 20 months or 30 months, or later in some Offices, perform the acts referred to therein before each designated or elected Office.

For further important information on the time limits and acts to be performed for entering the national phase, see the Annex to Form PCT/IB/301 (Notification of Receipt of Record Copy) and Volume II of the PCT Applicant's Guide.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer  J. Zahra
Facsimile No. (41-22) 740.14.35	Telephone No. (41-22) 338.83.38

## 特許協力条約に基づく国際出願願書

SK00PCT14

副本 - 印刷日時 2000年01月27日 (27.01.2000) 木曜日 12時00分12秒

0	受理官庁記入欄	
0-1	国際出願番号.	
0-2	国際出願日	
0-3	(受付印)	
0-4	様式-PCT/RO/101 この特許協力条約に基づく 国際出願願書は、 0-4-1 右記によって作成された。	PCT-EASY Version 2.90 (updated 15.12.1999)
0-5	申立て 出願人は、この国際出願が特許 協力条約に従って処理されるこ とを請求する。	
0-6	出願人によって指定された 受理官庁	日本国特許庁 (RO/JP)
0-7	出願人又は代理人の書類記 号	SK00PCT14
I	発明の名称	データ記述方法及びデータ処理装置
II	出願人	
II-1	この欄に記載した者は	出願人である (applicant only)
II-2	右の指定国についての出願人で ある。	米国を除くすべての指定国 (all designated States except US)
II-4ja	名称	ソニー株式会社
II-4en	Name	SONY CORPORATION
II-5ja	あて名:	141-0001 日本国 東京都 品川区 北品川 6 丁目 7 番 3 5 号
II-5en	Address:	7-35, Kitashinagawa 6-chome Shinagawa-ku, Tokyo 141-0001 Japan
II-6	国籍 (国名)	日本国 JP
II-7	住所 (国名)	日本国 JP
III-1	その他の出願人又は発明者	
III-1-1	この欄に記載した者は	出願人及び発明者である (applicant and inventor)
III-1-2	右の指定国についての出願人で ある。	米国のみ (US only)
III-1-4ja	氏名 (姓名)	ウォーカー トビー
III-1-4en	Name (LAST, First)	WALKER, Toby
III-1-5ja	あて名:	141-0001 日本国 東京都 品川区 北品川 6 丁目 7 番 3 5 号
III-1-5en	Address:	ソニー株式会社内 c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome Shinagawa-ku, Tokyo 141-0001 Japan
III-1-6	国籍 (国名)	カナダ CA
III-1-7	住所 (国名)	日本国 JP



III-2 III-2-1	その他の出願人又は発明者 この欄に記載した者は	出願人及び発明者である (applicant and inventor)
III-2-2	右の指定国についての出願人である。	米国のみ (US only)
III-2-4ja III-2-4en III-2-5ja	氏名(姓名) Name (LAST, First) あて名:	松原 弘 MATSUBARA, Hiroshi 141-0001 日本国 東京都 品川区 北品川 6 丁目 7 番 3 5 号 ソニー株式会社内
III-2-5en	Address:	c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome Shinagawa-ku, Tokyo 141-0001 Japan
III-2-6	国籍 (国名)	日本国 JP
III-2-7	住所 (国名)	日本国 JP
IV-1 IV-1-1ja IV-1-1en IV-1-2ja	代理人又は共通の代表者、 通知のあて名 下記の者は国際機関において右 記のごとく出願人のために行動 する。 氏名(姓名) Name (LAST, First) あて名:	代理人 (agent)  小池 晃 KOIKE, Akira 105-0001 日本国 東京都 港区 虎ノ門二丁目 6 番 4 号 第 1 1 森ビル
IV-1-2en	Address:	No.11 Mori Bldg., 6-4, Toranomon 2-chome Minato-ku, Tokyo 105-0001 Japan
IV-1-3	電話番号	03-3508-8266
IV-1-4	ファクシミリ番号	03-3508-0439
IV-2 IV-2-1ja IV-2-1en	その他の代理人  氏名 Name (s)	筆頭代理人と同じあて名を有する代理人 (additional agent(s) with same address as first named agent) 田村 栄一: 伊賀 誠司 TAMURA, Eiichi: IGA, Seiji
V V-1	国の指定 広域特許 (他の種類の保護又は取扱いを 求める場合には括弧内に記載す る。)	EP: AT BE CH&LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 及びヨーロッパ特許条約と特許協力条約の締約国 である他の国
V-2	国内特許 (他の種類の保護又は取扱いを 求める場合には括弧内に記載す る。)	US

## 特許協力条約に基づく国際出願願書

SK00PCT14

副本 - 印刷日時 2000年01月27日 (27. 01. 2000) 木曜日 12時00分12秒

V-5	指定の確認の宣言 出願人は、上記の指定に加えて、規則4.9(b)の規定に基づき、特許協力条約のもとで認められる他の全ての国の指定を行う。ただし、V-6欄に示した国の指定を除く。出願人は、これらの追加される指定が確認を条件としていること、並びに優先日から15月が経過する前にその確認がなされない指定は、この期間の経過時に、出願人によって取り下げられたものとみなされることを宣言する。	
V-6	指定の確認から除かれる国	なし (NONE)
VI-1	先の国内出願に基づく優先権主張	
VI-1-1	先の出願日	1999年01月29日 (29. 01. 1999)
VI-1-2	先の出願番号	平成11年特許願第023068号
VI-1-3	国名	日本国 JP
VII-1	特定された国際調査機関 (ISA)	日本国特許庁 (ISA/JP)
VIII	照合欄	用紙の枚数
VIII-1	願書	4
VIII-2	明細書	72
VIII-3	請求の範囲	3
VIII-4	要約	1
VIII-5	図面	27
VIII-7	合計	107
VIII-8	添付書類 手数料計算用紙	添付 ✓
VIII-9	別個の記名押印された委任状	✓
VIII-12	優先権証明書	優先権証明書 VI-1
VIII-16	PCT-EASYディスク	-
VIII-17	その他	納付する手数料に相当する特許印紙を貼付した書面
VIII-18	要約書とともに提示する図の番号	3
VIII-19	国際出願の使用言語名:	日本語 (Japanese)
IX	提出者の記名押印	
IX-1	氏名 (姓名)	
IX-2	権限	

## 受理官庁記入欄

10-1	国際出願として提出された書類の実際の受理の日	
10-2	図面:	
10-2-1	受理された	
10-2-2	不足図面がある	

## 特許協力条約に基づく国際出願願書

SK00PCT14

副本 - 印刷日時 2000年01月27日 (27. 01. 2000) 木曜日 12時00分12秒

10-3	国際出願として提出された書類を補完する書類又は図面であつてその後期間内に提出されたものの実際の受理の日(訂正日)	
10-4	特許協力条約第11条(2)に基づく必要な補完の期間内の受理の日	
10-5	出願人により特定された国際調査機関	ISA/JP
10-6	調査手数料未払いにつき、国際調査機関に調査用写しを送付していない	

## 国際事務局記入欄

11-1	記録原本の受理の日	
------	-----------	--



## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP00/00424

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl.<sup>7</sup> H04N5/76, 5/91

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
Int.Cl.<sup>7</sup> H04N5/76, 5/91~5/956Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2000  
Kokai Jitsuyo Shinan Koho 1971-2000 Jitsuyo Shinan Toroku Koho 1996-2000

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP, 11-341443, A (Toshiba Corporation), 10 December, 1999 (10.12.99) (Family: none)	1-15
X	JP, 11-289517, A (Sony Corporation), 02 April, 1998 (02.04.98) (Family: none)	1-15
X	JP, 11-225307, A (Sony Corporation), 17 August, 1998 (17.08.98) (Family: none)	1-15
X	EP, 907147, A (Matsushita Electric Industrial Co. LTD), 07 April, 1999 (07.04.99) & JP, 11-103441, A	1-15
X	WO, 9512197, A1 (TOSHIBA), 04 May, 1999 (04.05.99) & EP, 677842, A1 & US, 5630006 & JP, 10-340570, A	1-15
X	JP, 9-247602, A (Kokusai Denshin Denwa Co., Ltd. (KDD)), 19 September, 1997 (19.09.97) (Family: none)	1-15

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  
23 March, 2000 (23.03.00)Date of mailing of the international search report  
25 April, 2000 (25.04.00)

Name and mailing address of the ISA/

Authorized officer